
Applicat	ion/Con	trol No
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10617130

130 OWEN ET AL.

Examiner

Beisner, William H

Art Unit

1744

Applicant(s)/Patent Under Reexamination

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
ı	Interference

Α	Appeal
О	Objected

CL	MIA					DATE			
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008		02/16/2010	06/17/2010	
	1	-		-	-	-	-		
	2		-	-	-	-	-		
	3	-		-		-	-	-	
	4			-		-	-		
	5			-		-	-		
	6	-		-	-	-	-		
	7		-			-	-		
	8	-	-	-	-	-	-	-	
	9		-	-	-	-	-		
	10	-	-	-	-	-	-	-	
	11	-		-	-	-	-	-	
	12	-		-	-	-	-	-	
	13			-	-	-	-	-	
	14	-	-	-	-	-	-		
	15	-	-	-	-	-	-		
	16	-	-	-	-	-	-	-	
	17	-	-	-	-	-	-	-	
	18	-	-	-	-	-	-	-	
	19	-	-	-	-	-			
	20	-	-	-	-	-		-	
	21	-	-	-	-	-		-	
	22		-	-	-	-	-	-	
	23		-	-	-	-	-	-	
	24		-	-	-	-	-		
	25	-		-	-	-	-		
	26	-		-	-		-	•	
	27	-		-	-	-	-		
	28	-		-		-	-		
	29	-	-	-	-	-	-		
	30	-		-		-	-	-	
	31	-	-	-	-	-	-	-	
	32	-	-	-	-	-	-		
	33	-	-	-	-	-	-	-	
	34	-		-	-	-	-	1	
	35		-	-	-	-	-		

Application/	Control	No.
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Beisner, William H

10617130

Examiner

Applicant(s)/Patent Under Reexamination

OWEN ET AL.

Art Unit

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

CLA	MIA	DATE								
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010	06/17/2010		
	37	-		-		-	-			
	38	-		-	-	-	-			
	39	-		-		-	-	-		
	40	-		-		-	-			
	41	-	-	-	-	-				
	42	-		-	-	-				
	43	-		-	-	-				
	44	-		-		-	-	-		
	45	-		-	-	-	-			
	46	-		-	-	-	-			
	47	-			-	-	-			
	48					-	-			
	49					-	-			
	50	-				-	-			
	51	-				-	-			
	52	-			-	-	-			
	53	-			-	-	-			
	54	-			-	-	-			
	55	-				-	-			
	56	-				-	-			
	57	-					-	٠		
	58	-				-	-			
	59	-				-	-			
	60	-		-	-	-	-			
	61	-		-	-	-	-			
	62	-	•				-			
	63	-				-	-	٠		
	64	-				-	-			
	65	-				-	-			
	66	-				-	-			
	67	-		-	-	-	-			
	68	-		-	-	-	-			
	69	-	-	-	-	-	-	-		
	70	-	-	-	-	-	-	-		
	71	-				-	-			



Rejected

Allowed

App	licatio	on/Co	ontro	l No	١.
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10617130

Cancelled

Poetricted

Examiner Art Unit

Applicant(s)/Patent Under Reexamination

OWEN ET AL.

1744

Non-Elected

Beisner, William H

Appeal Objected

= /	Allowed		÷	Res	tricted	1	Interf	erence		Obj	ected
☐ Claims	renumbered	in the s	ame	order as pr	esented by	applicant		☐ CPA	П.Т	D. 🗆	R.1.47
CL	AIM		DATE								
Final	Original	09/05/2	006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010	06/17/2010		
	73	-			-	-		-			
	74	-		-	-	-	-	-	-		
	75	-		-	-	-	-	-	-		
	76	-		-		-	-	-			
	77	-		-		-	-	-			
	78	-		-		-	-	-			
	79	-		-	-	-	-	-	-		
	80			-	-	-	-	-	-		
	81			-	-	-	-	-	-		
	82	-		-	-	-	-	-	-		
	83			-	-	-	-	-	-		
	84	-		-	-	-	-	-	-		
	85	-		-	-	-	-	-	-		
	86	-		-	-	-	-	-	-		
	87	-		-	-	-	-	-	-		
	88	-			-	-	-	-	-		
	89	-		-	-	-	-	-	-		
	90	-		-	-	-	-	-	-		
	91	-		-	-	-	-	-	-		
	92	-		-	-	-	-	-	-		
	93	-		-	-	-		-	-		
	94	-		-	-	-	-	-	-		
	95	-		-	-	-	-	-	-		1
	96			-	-	-	-	-	-		1
	97	-		-	-	-	-	-	-		
	98	-			-	-	-				
	99	-			-	-	-				
	100	-		-	-	-	-	-	-		
	101			-		-	-	-	-		
	102	-		-	-	-	-	-	-		
	103	-		-	-	-	-	-	-		
	104	-			-	-	-	-	-		
	105	-		-	-	-	-	-	-		
	106	-		-	-	-	-	-	-		
	107	-					-	-			
	108	1 -	- 1		1 -	1 -	1 -	1 -	1 -	1	1



App	licatio	on/Co	ontro	l No	١.
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10617130

OWEN ET AL.

Examiner

Beisner, William H

Art Unit

Applicant(s)/Patent Under Reexamination

RejectedAllowed

-	Cancelled
÷	Restricted

N	Non-Elected
ı	Interference

Α	Appeal
0	Objected

CLA	MIA	DATE								
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010	06/17/2010		
	109	-	-	-	-	-	-	-		
	110	-		-	-	-	-	-		
	111	-	-	-	-	-		-		
	112	-	-	-	-	-				
	113	-	-	-	-	-		-		
	114	-		-	-	-		-		
	115	-		-	-	-				
	116	-	-	-	-	-	-	-		
	117	-		-	-	-	-	-		
	118	-			-	-	-	-		
	119	-			-	-	-	-		
	120					-	-	-		
	121	-		-	-	-				
	122	-		-	-	-		-		
	123			-	-	-	-	-		
	124	-		-	-	-	-	-		
	125	-		-	-	-	-	-		
	126	-		-	-	-	-	-		
	127	-	-	-	-	-				
	128	-	-	-	-	-		-		
	129	-		-	-	-				
	130	-	-	-	-	-		-		
	131	-		-	-	-	-	-		
	132	-		-	-	-	-	-		
	133	-	-	-	-	-	-	-		
	134	-	-	-	-	-	-			
	135	-		-		-	-	-		
	136	-		-		-	-	-		
	137	-		-		-	-	-		
	138	-		-	-	-	-	-		
	139	-		-	-	-	-	-		
	140	-	-	-	-	-	-	-		
	141	-		-	-	-	-	-		
	142	-		-	-	-	-	-		
	143	-				-	-	-		



App	licat	ion/(Conf	rol	No	
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Beisner, William H

10617130 Examiner Applicant(s)/Patent Under Reexamination OWEN ET AL.

150

Art Unit

RejectedAllowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

CL	AIM	DATE								
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010	06/17/2010		
	145	-	-	-	-	-	-			
	146	-	-	-	-	-	-			
	147	-	-	-	-	-	-	-		
	148	-	-	-	-	-	-			
	149	-	-	-	-					
	150	-	-	-	-					
	151	-	-	-	-	-	-			
	152	-	-	-	-	-	-	-		
	153	-	-	-	-	-	-			
	154	-	-	-	-	-	-			
	155	-	-	-		-	-	-		
	156	-	-	-		-	-			
	157	-	-	-		-	-	-		
	158	-	-	-	-	-	-			
	159	-	-	-	-	-	-			
	160	-	-	-	-	-	-	-		
	161	-	-	-	-	-	-			
	162	-	-	-	-	-	-	-		
	163	-	-		-	-	-			
	164	-	-	-		-	-	-		
	165	-	-	-		-	-			
	166	-	-	-	-	-	-	-		
	167	-	-	-	-	-	-			
	168	-	-	-	-	-	-			
	169	-	-	-	-	-	-	-		
	170	-	-	-	-	-	-	-		
	171	-	-	-		-	-	-		
	172	-	-	-		-	-	-		
	173	-	-	-	-	-	-			
	174	-	-	-	-	-	-			
	175	-	-	-	-	-	-			
	176	-	-	-	-	-	-			
	177	-	-	-	-	-	-			
	178	-	-	-	-	-	-			
	179	-	-		-	-	-			
	180	-	-	-	-	-	-	-		t

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App	licatio	on/Co	ontro	l No	١.
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10617130

Examiner

Applicant(s)/Patent Under Reexamination

OWEN ET AL.

Beisner, William H 1744

✓	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
ı	Interference

Α	Appeal
0	Objected

CL	AIM	DATE								
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010	06/17/2010		
	181	-	-	-	-	-	-	-		
	182	-	-	-	-	-	-	-		
	183	-	-	-	-			-		
	184	-	-	-	-					
	185	-	-	-	-			-		
	186	-	-	-	-			-		
	187	-	-	-	-					
	188	-	-	-	-	-	-	-		
	189	-	-	-	-	-	-	-		
	190	-	-	-	-	-	-	-		
	191	-	-	-		-	-	-		
	192	-	-	-		-	-	-		
	193	-	-	-	-					
	194	-	-	-	-			-		
	195	-	-	-	-	-	-	-		
	196	-	-	-	-	-	-	-		
	197	-	-	-	-	-	-	-		
	198	-	-	-	-	-	-	-		
	199	-	-	-	-					
	200	-	-	-	-			-		
	201	-	-	-	-					
	202	-	-	-	-	-		-		
	203	-	-	-	-	-	-	-		
	204	-	-	-	-	-	-	-		
	205	-	-	-	-	-	-	-		
	206		-		-	-				
	207	-	-			-	-	-		
	208	-	-	-		-	-	-		
	209	-	-	-		-	-	-		
	210	-	-	-	-	-	-	-		
	211	-	-	-	-	-	-	-		
	212	-	-	-	-	-	-	-		
	213	-	-	-	-	-	-	-		
	214	-	-	-	-	-	-	-		
	215	-	-	-	-	-	-	-		
	215 216	-	-	-	-	-	-	-		-



App	lica	tion	Con	tro	N	0.
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10617130 OWEN ET AL.

Examiner

Beisner, William H

Art Unit

1744

Applicant(s)/Patent Under Reexamination

~	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

CLA	MIA	1				DATE			
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008		02/16/2010	06/17/2010	1
	217	-	-	-	-	-	-	-	
	218					-	-		
	219		-	-	-	-	-	-	
	220	-		-		-	-		
	221			-		-	-		
	222		-	-	-	-	-	-	
	223		-			-	-		
	224	-	-	-	-	-	-	-	
	225	+	-	-	-	-	-		
	226	+		-	-	-	-		
	227	+	-	-	-	-	-	-	
1	228	+	·	·	·	V	=	=	
2	229	+	1	1	1	1	=	=	
3	230	+	1	/	1	√	=	=	
4	231	+	1	1	1	√	=	=	
5	232	+	1	1	1	V	=	=	
40	233	+	1	/	·	V	=	=	
41	234	+	·	1	·	V	=	=	
42	235	+	✓	·	✓	✓	=	=	
	236	+	-	-	-	-	-	-	
	237	+	-	-	-	-	-		
	238	+	-	-	-	-	-	-	
	239	+	-	-	-	-	-	-	
	240	+	-	-	-	-	-		
	241	+		-	-	-	-		
	242	+			-				
	243	+	-	-	-	-	-	-	
6	244	+	√	·	· ·	· ·	-	=	
7	245	+	✓	1	1	✓	=	=	
8	246	+	✓	1	1	✓	=	=	
9	247	+	*	1	✓	✓	=	ı	
10	248		✓	1	√	✓	=	=	
12	249	+	√	1	·	~	=	=	
13	250	+	·	1	1	√	-	=	
14	251		1	1	1	1	=		



App	licat	ion/(Conf	rol	No	
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10617130

Examiner

Beisner, William H

Applicant(s)/Patent Under Reexamination OWEN ET AL.

OWLIVE!

1744

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Art Unit

~	Rejected
=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

Α	Appeal
0	Objected

CL	AIM.	1	DATE									
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010	06/17/2010	1	Т		
11	253	+	1	1	1	1	-	-				
16	254	+	·	1	1	√	-	-				
17	255	+	·	1	·	√	-	-				
24	256	+	·	1	·	√	-	=				
25	257	+	√	1	1	✓	-	=				
26	258	+	✓	1	√	✓	=	=				
27	259	+	·	1	√	✓	=	=				
38	260	+	·	·	·	✓	-	-				
28	261	+	·	·	·	✓	-	-				
29	262	+	·	·	·	✓	=	=				
30	263	+	·	·	·	✓	-	=				
31	264	+	·	·	·	✓	-	=				
32	265	+	·	1	✓	✓	-	=				
33	266	+	·	·	1	✓	-	=				
34	267	+	·	·	1	✓	-	-				
36	268	+	·	1	·	√	=	=				
35	269	+	·	1	·	~	=	=				
37	270	+	·	·	·	✓	=	=				
39	271	+	·	·	·	✓	-	=				
	272		✓	✓		-	-	-				
	273		√	·		-	-	-				
18	274		~	·	✓	✓	=	=				
43	275		√	√	✓	✓	=	=				
19	276			·	✓	✓	=	-				
20	277			V	√	✓	=	=				
44	278			_ <	✓	✓	=	=				
45	279			Y	V	V	-	-				
21	280			·	· ·	√	=	=				
46	281			1	1	✓	=	=				
22	282						-	=				
23	283						-	=				
47	284						-	-				
48	285						=	=				
	286						N	-				
	287						N	-				

Application/Control No.

10617130

Applicant(s)/Patent Under Reexamination

OWEN ET AL.

Examiner

Art Unit

Beisner, William H

1744

	✓	Rejected
Γ	=	Allowed

-	Cancelled
÷	Restricted

N	Non-Elected
1	Interference

A	Appeal				
О	Objected				

Claims renumbered in the same order as presented by applicant								□ т.с). 🗆	R.1.47	
CLAIM		DATE									
Final	Original	09/05/2006	07/08/2007	01/22/2008	10/14/2008	04/07/2009	02/16/2010	06/17/2010			
	289						N				
	290						N				
	291						Ν	-			
	292						N				